 Application Number	Application No	Applicant(s)
! A B D T T T T T T T T T T T T T T T T T T	10/686,411	LOVATT, CAROL J.
I INSINI UTATI MOTIN DITOLINILO ALTIA NAMES FRANCIANS INNO		

TERMINAL DISCLAIMER	☐ APPROVED	M DISAPPROVED
Document Code - DISQ	This patent is subject to a Terminal Disclaimer	
INTERNAL DOCUMENT DO NOT MAIL		

U.S. Patent and Trademark Office

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

the Papenwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT

061818-5006-US05

l	In re Application of: Carol J. Lovatt
l	Application No.: 10/686,411
l	Filed: October 14, 2003
l	FOR: NOVEL FORMULATION OF PHOSPHORUS FERTILIZER FOR PLANTS
	The owner*. Recents of the University of California of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the Instant application which would extend beyond the expiration date of the full statutory term prior patent No. 6.113.665 as the term of said prior patent is defined in 35 U.S.C. 154 and 173, and as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the Instant application and is binding upon the grantee, its successors or assigns.  In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:  expires for failure to pay a maintenance fee; is held unenforceable; is found invalid by a court of competent jurisdiction; is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321; has all claims canceled by a reexamination certificate; is reissued; or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate. For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Statements may leobaroize are remain at an attended		
<ol><li>The undersigned is an attorney or agent of record</li></ol>	Reg. No. 46,690	
	4	10-28-04
	Signature	Date
	Todd Esker	
	Typed or printed name	
		(415) 442-1000
	•	Telephone Number

Terminal disclaimer fee under 37 CFR 1.20(d) included.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

\*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-8199 and select option 2.

11/03/2004 ANDNDAF1 00000129 500310 10686411

)1 FC:2814

PTO/SB/26 (09-04)

Approved for use through 07/31/2008. OMB 0551-0031

Approved for use through 07/31/2008. OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRADE of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRADE of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRADE of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING

061818-5006-US05

REJECTION OVER A "PRIOR" PATENT
In re Application of: Carol J. Lovatt
Application No.: 10/686,411
Filed: October 14, 2003
For. NOVEL FORMULATION OF PHOSPHORUS FERTILIZER FOR PLANTS
The owner*, Regents of the University of California of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond as the term of said prior patent is defined in 35 U.S.C. 154 the expiration date of the full statutory term prior patent No. 5.514.200 as the term of said prior patent is defined in 35 U.S.C. 154 and 173, and as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.
In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:  expires for fallure to pay a maintenance fee; is held unenforceable;
is found invalid by a court of competent jurisdiction; is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321; has all claims canceled by a reexamination certificate;
is reissued; or is reissued; or is the expiration of its full statutory term as presently shortened by any terminal disclaimer.
Check either box 1 or 2 below, if appropriate.  1. For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so belief are believed to be true; and further that these statements were made with the knowledge that willful false statements are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.
2. The undersigned is an attorney or agent of record. Reg. No. 48,690
10-28-04
/ Signature
Todd Esker Typed or printed name
(415) 442-1000
Telephone Number
Terminal disclaimer fee under 37 CFR 1.20(d) included.
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).  Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

10686411 11/03/2004 RUDNDAF1 00000129 500310

55.00 DA

)2 FC:2814

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

The Paperwork Reduction Act of 1895, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

RMINAL DISCLAIMED TO ORNIATE A SOLIDITE A SOLIDITE A SOLIDITE AND ADMINISTRATION OF THE PARTMENT OF THE PARTMENT

## ERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING

061818-5006-US05

Telephone Number

REJECTION	OVER A "PRIOR" PATENT	
In re Application of: Carol J. Lovatt		
		i
Application No.: 10/686,411		
Filed: October 14, 2003	DUODUS EERTH 1750 EOP DI ANTS	
For: NOVEL FORMULATION OF PHOS		
and 173, and as the term of said prior p granted on the instant application shall t	part of the statutory term of any patent granted on the ipart of the statutory term of any patent granted on the importor patent No. 6.645.268 as the term patent is presently shortened by any terminal disclaimes patent is presently shortened by any terminal disclaimes patent in the instant application and is binding upon the granted to the instant application and is binding upon the granted.	or. The owner nereby agrees and the prior patent are commonly owned. This tee, its successors or assigns.
agreement runs with any patent granted in making the above disclaimer, the own	ner does not disclaim the terminal part of the term of an se full statutory term as defined in 35 U.S.C. 154 and 173 minal disclaimer," in the event that said prior patent later the second second second second second sec	ny patent granted on the instant application that 73 of the prior patent, "as the term of said prior
patent is presently shortened by any ter expires for failure to pay a mainten		
in haid waanfarcaahla'		
	MINITED A CITACION LICE AL LA CALLACTER DE LA	
has all claims canceled by a reexa is reissued; or is in any manner terminated prior t	to the expiration of its full statutory term as presently sho	ortened by any terminal disclaimer.
Check either box 1 or 2 below, if approp	oriate.	·
For submissions on behalf of a clean the undersigned is empored.	a business/organization (e.g., corporation, partnership, u owered to act on behalf of the business/organization.	
I hereby declare that all state belief are believed to be true; and furt	ments made herein of my own knowledge are true an ther that these statements were made with the knowled comment, or both, under Section 1001 of Title 18 of the of the application or any patent issued thereon.	nd that all statements made on information and adge that willful false statements and the like so a United States Code and that such willful falso 
	ey or agent of record. Reg. No. 46,690	-
z. [ ] Him university into 19 am eaching	1	22
1	41_	11.28.04
·	Signature	Date
	Todd Esker	
	Typed or printed name	ne
	2, ,	

Terminal disclaimer fee under 37 CFR 1.20(d) included.

WARNING: Information on this form may become public. Credit card information should not TYARCHING: Information on this form may become public. Great Card Information should be included on this form. Provide credit card information and authorization on PTO-2038.

\*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patanta, P.O. Box 1450, Alexandria, VA 22313-1450.

if you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

11/03/2004 ANDNDAF1 00000129 500310 10686411

)3 FC:2814

PTO/S8/25 (09-04) Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Traubman United U.S. DEPARTMENT UP COMMERCE
of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. THE Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to a conscious statement of the Paperwork Reduction Act of 1985, no persons are required to respons to the Paperwork Reduction Act of 1985, no persons are required to respons to the Paperwork Reduction Act of 1985, no persons are required to respons to the Paperwork Reduction Act of 1985, no persons are required to respons to the Paperwork Reduction Act of 1985, no persons are required to respons to the Paperwork Reduction Act of 1985, no persons are required to respons to the Paperwork Reduction Act of 1985, no persons are required to respons to the Paperwork Reduction Act of 1985, no persons are required to the Paperwork Reduction Act of 1985, no persons are required to the Paperwork Reduction Act of 1985, no persons are required to the Paperwork Reduction Act o REJECTION OVER A PENDING "REFERENCE" APPLICATION

061818-5008-US05

In re Application of: Carol J. Lovatt	
Application No.: 10/686,411 Filed: October 14, 2003	
For: NOVEL FORMULATION OF PHOSPHORUS FERTILIZER FOR PLANTS	to the incient

The owner\*, Regents of the University of California of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of any patent granted on pending reference Application Number 09/637.621 filed on August 11, 2000 as such term is defined in 35 U.S.C. 154 and 173, and as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application. The owner application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending such period that it and any patent hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent on the reference application are commonly owned. This agreement runs with any patent granted on the instant application and is granted on the reference application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of any patent granted on said reference application, "as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application," in the event that: any such patent: granted on the pending reference application; in the event that: any such patent: granted on the pending reference application. grant or any patent on the pending reference application; in the event that: any such patent: granted on the pending reference application; expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

Check e	ither box 1 or 2 below, if appropriate.	t the second page of the second
1.	fither pox 1 or 2 below, a spiropheron spiropheron (e.g., corporation, partnership, For submissions on behalf of a business/organization (e.g., corporation, partnership, For submissions on behalf of the business/organization.	university, government agency.

etc.), the undersigned is empowered to act on behalf of the business/organization. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may leave the realigible of the application or any setted leavest.

stateme	ents may jeopardize the validity of the application or a	any patent issued thereon.	
	The undersigned is an attorney or agent of record.		
	·	4	10.28.04
		Signature	Date
		Todd Esker	
		Typed or printed name	
			415-442-1000
		_	Telephone Number

Terminal disclaimer fee under 37 CFR 1.20(d) is included.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/98 may be used for making this statement. See MPEP § 324.

Form PTO/SB/98 may be used for making this statement. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO This collection of information is required to obtain or retain a benefit by the public which is to file (and by the USPTO This collection is estimated to take 12 minutes to complete, to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on including gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

11/03/2004 RWDHDAF1 00000129 500310 10686411

)4 FC:2814

PTO/S8/26 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE

I Department of the Comment of

Date Paperwork	( Reduction Act of 1995, 110 persons	THE PARTITION
	DISCLAIMER TO OBVIATE A D	OUBLE PAIENTING
TERMINAL	DISCENSIER IO OBAILLEY	
•	REJECTION OVER A "PRIOR"	PATENI

REJECTION OVER A "PRIOR" PATENT		
In re Application of: Carol J. Lovatt		
Application No.: 10/686,411		
Filed: October 14, 2003		
FOI: NOVEL FORMULATION OF PHOSPHORUS FERTILIZER FOR PLANTS		
The owner*, Regents of the University of California of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term prior patent No. 5,830,255 as the term of said prior patent is defined in 35 U.S.C. 154 and 173, and as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so agranted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.  In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:  expires for failure to pay a maintenance fee; is found invalid by a court of competent jurisdiction; is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;		
has all claims canceled by a reexamination Certificate,		
is reissued; or is reissued; or is reissued; or its full statutory term as presently shortened by any terminal disclaimer.		
Check either box 1 or 2 below, if appropriate.		
For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.		
2. The undersigned is an attorney or agent of record. Reg. No. 48,690		
10-28-0 4   Signature   Date		
T. dd Falca		
Todd Esker Typed or printed name		
(415) 442-1000		
Telephane Number		
Terminal disclaimer fee under 37 CFR 1.20(d) included.		
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.		
*Statement_under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/96 may be used for making this certification. See MPEP § 324.		

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

11/03/2004 RMUNDRF1 00000129 500310 10686411

15 FC:2814